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September 30, 2003

ATTORNEY DOCKET NO. 08350.3146  
CUSTOMER NO. 22,852

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

New U.S. Patent Application  
Title: SYSTEM AND METHOD FOR ACTUATING  
AN ENGINE VALVE  
Inventor: Ronald D. SHINOGL

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 27 pages, including three (3) independent claims and thirty-three (33) claims total.
2. Drawings- nine (9) sheets of drawings (Figs. 1-9).
3. Fully Executed Declaration and Power of Attorney document.
4. Recordation Form Cover Sheet and fully executed Assignment to Caterpillar Inc.
5. Information Disclosure Statement (2 pages) with Form PTO 1449 (1 page) and 4 references corresponding to those listed on the 1449 form..

6. The filing fee is calculated as follows:

|   |                     |   |       |                 |        |           |
|---|---------------------|---|-------|-----------------|--------|-----------|
| Basic Application Filing Fee                                    |                     |   |       |                 | \$750  | \$ 750.00 |
|   | Number of<br>Claims |   | Basic | Extra<br>Claims |        |           |
| Total Claims  | 33                  | - | 20    | 13              | x \$18 | 234.00    |
| Independent Claims  | 3                   | - | 3     | 0               | x \$84 | 0         |
| <input type="checkbox"/> Presentation of Multiple Dep. Claim(s) |                     |   |       |                 | +\$280 | 0         |
| Subtotal  |                     |   |       |                 |        | \$ 984.00 |
| Reduction by 1/2 if small entity                                |                     |   |       |                 |        | - 0       |
| TOTAL APPLICATION FILING FEE                                    |                     |   |       |                 |        | \$ 984.00 |

7. A check for \$1,024.00 is enclosed. The fees include:

\$750.00 filing fee;  
\$234.00 additional claims fee; and  
\$40.00 Assignment recordation fee.

Please address all correspondence with respect to this application to:

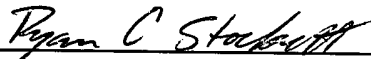
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1300 I Street, N.W.  
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record  
and return the Assignment to the undersigned.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
Ryan C. Stockett  
Reg. No. 53,642

CPI/RYS/blf  
Enclosures